

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/003263

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 C12N15/85 A01K67/033

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N A01K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HORN C ET AL: "A transgene-based, embryo-specific lethality system for insect pest management." NATURE BIOTECHNOLOGY, vol. 21, no. 1, January 2003 (2003-01), pages 64-70, XP002301699 ISSN: 1087-0156 the whole document	1-30, 33-42
X	WO 01/39599 A (ALPHEY LUKE ; THOMAS DEAN (GB); ISIS INNOVATION (GB)) 7 June 2001 (2001-06-07) the whole document	1-30, 33-42
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*G\* document member of the same patent family

Date of the actual completion of the international search

21 October 2004

Date of mailing of the international search report

05/11/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	THOMAS D D ET AL: "Insect population control using a dominant, repressible, lethal genetic system" SCIENCE (WASHINGTON D C), vol. 287, no. 5462, 31 March 2000 (2000-03-31), pages 2474-2476, XP002301700 ISSN: 0036-8075 cited in the application the whole document -----	1-30, 33-42
X	WU T-Y ET AL: "Expression of highly controllable genes in insect cells using a modified tetracycline-regulated gene expression system" JOURNAL OF BIOTECHNOLOGY, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 80, no. 1, June 2000 (2000-06), pages 75-83, XP004201980 ISSN: 0168-1656 the whole document -----	1-9, 33-36,42
X	CHEN H-H ET AL.: "The use of a modified tetracycline regulatory expression system with reduced basal level to develop an in vivo biopesticide expression system" FOOD SCIENCE AND AGRICULTURAL CHEMISTRY, vol. 2, no. 4, October 2000 (2000-10), pages 220-225, XP008037322 TAIPEI the whole document -----	1-9
A	ALPHEY L ET AL: "Dominant lethality and insect population control" MOLECULAR AND BIOCHEMICAL PARASITOLOGY, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 121, no. 2, May 2002 (2002-05), pages 173-178, XP002297190 ISSN: 0166-6851 cited in the application page 175 - page 177 -----	10-30

# INTERNATIONAL SEARCH REPORT

Information on patent family members

national Application No

PCT/GB2004/003263

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0139599	A	07-06-2001	GB 2355459 A 25-04-2001
			AU 1716501 A 12-06-2001
			CA 2392111 A1 07-06-2001
			CN 1433475 T 30-07-2003
			EP 1246927 A2 09-10-2002
			WO 0139599 A2 07-06-2001
			NZ 519175 A 27-02-2004
			SK 7352002 A3 06-11-2002
			US 2003213005 A1 13-11-2003
			ZA 200204167 A 25-08-2003
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